

Shapovalov, S.I.

The Effect of Variation in the Chemical Composition of 10-Steel on the Quality of Cold-Headed Wire.

STAL, 1972, No. 5, pp. 467-468.

HIST 11700

V. I. Zhigovskiy

Mathematical Representation of the Graphitization
Process.

IZV VUZ. ~~CHISLA~~ MATEM., No 10, 1972, pp 137-42.
~~1972~~ 1973

AME 73

Shapovalova, O. M.

The effect of preliminary heat treatments on the
corrosion of titanium alloy tvo 12 pp.

RUSSIAN. VOPROSY KHIMII I FIZIKI KORROZII
I PROBLEMY KOROZII TITAN. METALLURGIYA
AKADIA TITAN, No. 2, 1970, pp. 90-99
AKA/ED/11-1712-72

may 73

Shapovalova, O. M.

Research of properties of alloy tb2 titanium. 10 pp.
MOSCOW. VSESOUZNIY NAUCHNO-ISSLEDOVATEL'SKIY I
PROYEKTIY INSTITUT TITANA. METALLURGIYA I KHIMIYA
TITANA, Vol. 6, 1970, pp 117-122
AIR/FTO-IT-23-1712-72

may 73

Shapiro, T. A.

Forecasting the atmosphere from pollution by aerosols
(Discussion).

Sept. 12, 1971, pp 161-163
WFO 71-16115-007

Shapunov, V.M.

Food requirements and energy balance in the Black Sea
bottlenose dolphin (Tursiops truncatus ponticus Parahatch)
(Rishchavie potrebnosti i ich svyazi s balansom energii u
chernomorskoj afaliny (Tursiops truncatus ponticus Parahatch)
Morfologiya i ekologiya morskikh mlekopitalushchikh (V.E.
Solokov, editor), Inst. evolyutsionnoy morfologii im. A.N.
Severtsova, Akad. nauk SSSR, Izd. "Nauka," Moscow, 1966:
147-152. In Russian.

Transl. by IPHF, 1973, pp. 207-212 in 212p. "Morphology and
Ecology of Marine Mammals," monog. Avail. Keter Publishers,
Jerusalem, Israel, or Halsted Press, 605 Third Ave., N.Y.,
N.Y., price \$20.00.

Avail. on loan - NMMS, Wash., D.C.

Original Article Checked *MR*

Shannon, A. N.

Under the principle of gyro-electronic conversion for
measuring certain quantum mechanical elements.

1 p.

REPRODUCED BY THE NATIONAL ARCHIVES, COLLEGE PARK, MARYLAND

REF ID: A66119

REF ID: A66119

Shcherbin, V. N.

Dynamics of the temperature field of a hydro-
thermal system during formation of vein ore
deposits

DOKLADY AKADEMII NAUK SSSR, EARTH SCIENCES
SECTION, VOL. 205, NO. 1, 1979, PP. 867-875
ACU

Sharapov, Ye. M.

Effect of Random Perturbations Relative to
Main Gyroscope Axis on Ground Gyrocompass
Readings, 6 pp.

INVESTIYA VOZ, PRIBOROSTROENIYE, Leningrad,
Vol. 16, No 4, 1973, pp 74-79.
JPRS 59498

Jul 73

Sharetzkiy, S.

Role of Kolkhoz Public Consumption Funds Viewed.

S. S.

REPRINTED FROM: BELORUSSIAN, Minsk, No 12, Dec 1973,

PP 64-69,

PPRS 61809

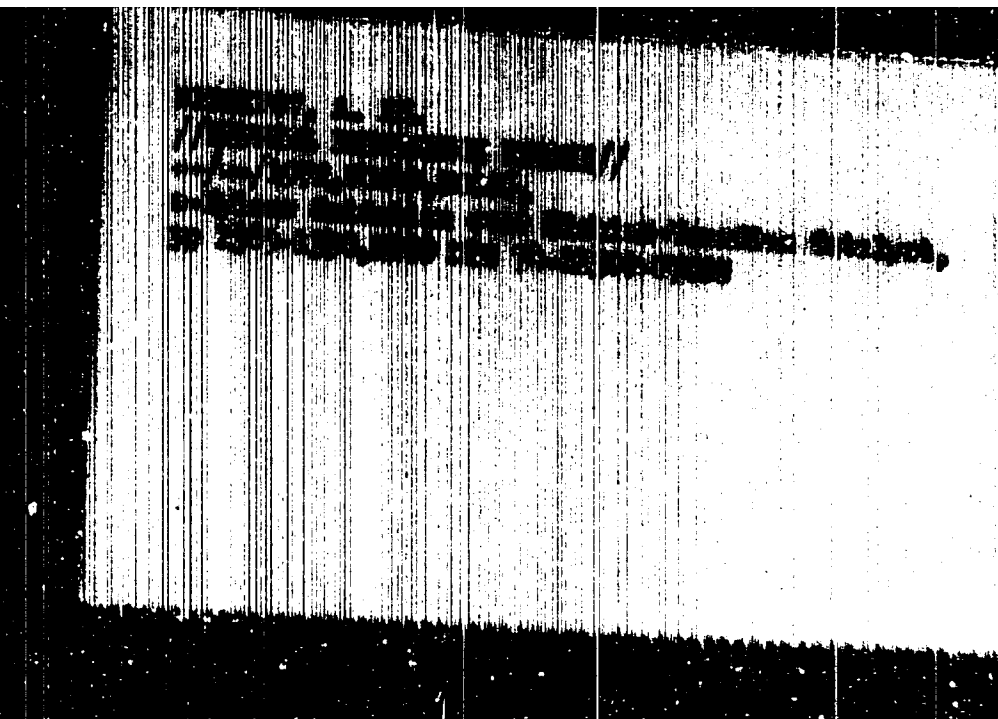
V. Z. Sharf

Synthesis of ethyl ethers of pyrocatechol
and resorcinol from their phenolates and
ethyl chloride.

MAISLOBOINO-ZHIROVAYA PROMYSLENNOST, Vol 28, .
No 4, pp 35-37, 1962
NMC 72-15181-07C

max 73

SHARIFKHANOVA. G. N.
//VESTN AKAU NAUK KASZ SSSR//
--/--/1971, V0027, N0004
Hydrogenation of a series of unsaturated compounds
in the presence of complex catalysts 8 pp
pp 46-50 NTIS tt 72-51144##



SHARIPOV. A. M.
//ELEKTROTEKHNIKA//
---/08/1973, V0008, N---
Stray load losses in induction motors
PP 4-8 C. E. TRANS 6527##

Shario, A. V.

Temperature dependences of elastic constants
and the debye temperature of nacl and kcl
single crystals

LEV. VYSSH. UCHEN. ZAVED. FIZ. 1970

pp. 2-28

W. B. NO. 4

NASA TT F 14932

Sharkov, E. V.

On the [formational] characteristics of the gabbro-
-norite-labradorite intrusion of the glavny
range of the Monche and of the Monchegorsk
pluton (Kola peninsula).

PROBLEMY MAGMATIZMA DAL'NEGO SEVERA, REGION
KOLA, KONTAKTY S KRYSHOM ZEMLEKOPOL'NOGO
1971, P. 153-158
NTC 73-11202-080

Sharkov, E. V.

The phenomenon of rhythmicity in the solidification
of intrusions.

LENINGRAD. UNIVERSITET. VESTNIK, n. 24, p. 77-84,
1971.

NTC 73-10923-08G

SHAPKOV, V. I.
//LENNINKHAIKAYA IZVESTIYENESKAYA AKADEMIYA.
NAUCHNIE TRUDY//
/---/1971, V---, N137,
Effect of Urea and Some Other Substances on the
Formation and Behavior of Cellulose Xanthate
Solutions,
pp 80-87, NTC 74-10857-11250

W. E. B. DUBOIS, JR.
/ NABEPLA-11/
1971, 70095, 80007,
Treatment of Systemic Lupus Erythematosus with
Anthracycline.
P 001-4, NASA TT P 15840

Sharonov, K.

Acquiring Sets of Equipment for livestock Enterprises.

7 pp

~~MATERIAL'NO-TEKHNIЧЕСКОЕ СНАБЖЕНИЕ. Moscow,~~

No 11, 1973. pp 38-43.

JPRS 60726

Shurcov, K.

Attention Directed to Problems at Livestock
Complexes.

5 up

REKOVICHESKAYA OASIS. Moscow, No 44, Oct 1973,

P 14.

JPRS 64703

10-10-68

THE UNIVERSITY OF CHICAGO PRESS

CONFIDENTIAL, N. 810, 1960, pp. 71-22

SECRET

Sharov, N. M.

Mathematical Tractor Testing Described.

6 pp

TRAKTOR I IZ VOSTOKA, Moscow, No 6, June

1973, pp 9-11.

JPRS 59751

Sharovarin, V.D.

Determination of the Oil and Gas Saturation of
Silty Sandstones on the Basis of Self Potential
Data.

NEFTEGAZ. GEOL. GEOL. GEOPHIZ., 1972, no.8, pp.
30-33.

ROSSB 865

ATB R-5927

100-443887-100

The Relationship Between the Elastic, Electrical, and Reservoir Parameters of Sandy Shales.
REV. FROST, MILES, JAYED, NEFT QAL., Vol. 16
No. 3, pp. 18-18, 1971.
A.R.S. 1-5925

Sharovarov, G. A.

Variable Conditions of Single-Loop Nuclear
Power Plants with Dissociating Coolant.

9 pp

RUSSIAN ENGINEERING OAK RIDGE NATIONALITY I
HARVESTING THE NEW WORLD THE NEW YORK
(HARVESTING THE NEW WORLD THE NEW YORK). Book,
Part 1, 1973. pp 13-134
JPRS 00560

Sharov, G. A.

Special Features of Nuclear Power Plants With
Dissecting Coolant.

12 pp

RUSSIAN LITERATURE GARY KAK TAPLODSTAL
DANISH LIA RUSSIAN LIA RUSSIAN LIA
(RUSSIAN LIA RUSSIAN LIA RUSSIAN LIA). Mosk.
Part 1, 1973. pp 1-12.
JPRS 48960

al-Sharqawi, Jamal
Egyptian Sugar Crisis Discussed.
6 PP
AL-AKHBAR, Cairo, 24 Mar 1974, p 3.
JMS 60869

SECRET

RECEIVED AT THE OFFICE OF THE SECRETARY OF THE ARMY
JAN 10 1945

13, 1971, pp. 120.

73-1539-214

Shashin, V.

Methods for Increasing Petroleum Industry
Effectiveness Analyzed, 12 pp.

PLANOVYE KHEZYAYSTVO, Moscow, No 4, Apr 73,

pp 15-22.

JPRS 59518

Jul 73

SEASHI, V. D.

//REPLACED FROM AESTVO//

10/10/1974, 7 pp 0001-0004

Petroleum Industry Minister Comments on Management
Structure. 7 pp

JPRS 61597

Shashin, V. D.

Results of the Sector in 3 Years of the Ninth
Five-Year Plan.

19 pp

NEFTIAN OIL REKLYAYSTVO, Moscow, No 3, Mar 74, pp 2-10.
JPRS 62 317

Shushkin, V.

The thrust of aircraft engines, 8 pp.
GRAZHDANSKIYA AVIATSIYA, No 5, May 1973, pp 10-19
APR/PPD-RW-21-585-74

Shashkov, V. S.

Effect of Thyrocalcitonin on Water-Mineral
Metabolism in Rabbits During Prolonged Restriction
of Mobility.

7 pp

RODENTICHESKAYA BIOLOGIYA I AVIAKOSMICHESKAYA
HYGIENA, Moscow, Vol 8, No 3, 1974, pp 18-22.
JPRS 62153

13-Aug-73

Uncl (AEC-tr--7430, pp 167-172) Radioprotective
activity of certain new thiuronium derivatives.
SHASHKOV, V.S.; FEDOSEEV, V.M.; GORELOVA, N.V.; VASIN,
M.V.; SEMENENKO, M.N.; CHURILIN, V.S. (Moscow State
Univ.). Translated from Radiobiologiya; 13: No. 1, 123
127(1973).

NSA

19-Jun-74

Uncl (CONF-700681-- , pp 4-6) Tolerance to
radioprotective compounds after repeated administration.
SHASHKOV, V.S.; ANISIMOV, B.V.; NOVIKOVA, S.P. 1970.
Translated from Materials of the first all union
conference, pharmacology of antiradiation preparations, 2-
-5 June 1970, Moscow.

From 1, all-union conference on pharmacology of
antiradiation preparations; Moscow, USSR (2 Jun 1970).

NSA

Revision

15-May-74
Uncl (CONF-700681-- , pp 10-12) Pharmacological
properties of hexamine administered to dogs in different
ways. SHASHKOV, V.S.; ANISIMOV, B.V.; NOVIKOVA, F.P.;
TKACHENKO, P.A. 1970. Translated from Materials of
the first all union conference, pharmacology of
antiradiation preparations, 2--5 June 1970, Moscow.
From 1. all-union conference on pharmacology of
antiradiation preparations; Moscow, USSR (2 Jun 1970).
NSA

15-May-74

Docl (CDNF-700641--; pp 19-20) Pharmacological effects of hexamine and 8-aminocapthylisothionium in combination with other substances. SHASHKOV, V.S.; PYKHINA, A.A.; ZIYA, A.V. 1970. Translated from materials of the first all union conference, pharmacology of antiradiation preparations, 2--5 June 1970, Moscow. From 1. All-union conference on pharmacology of antiradiation preparations: Moscow, USSR (2 Jun 1970).

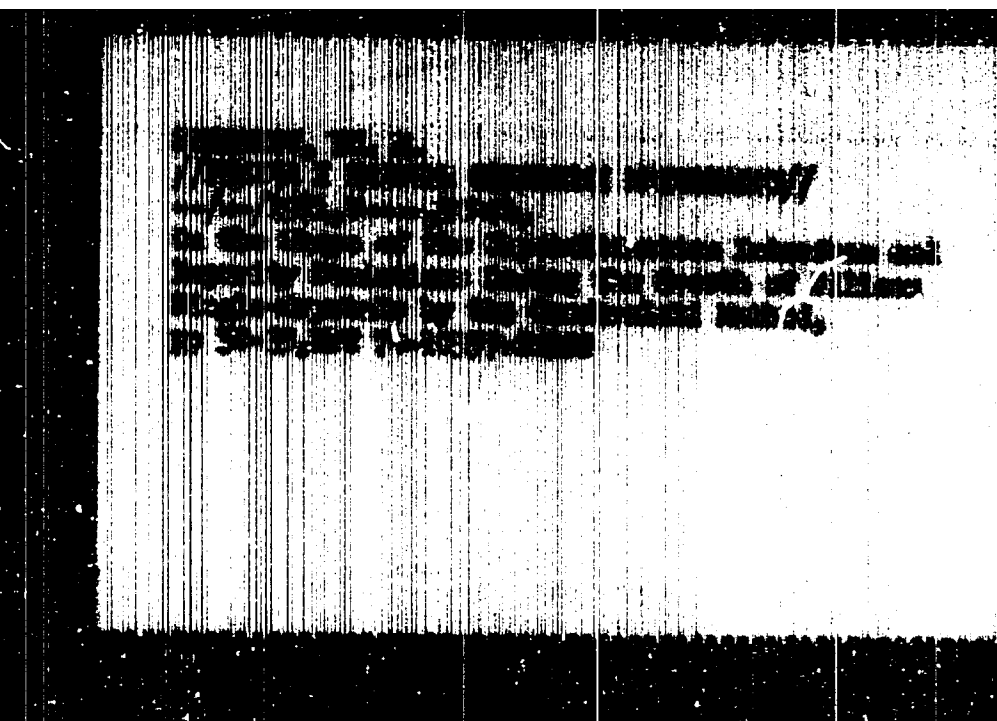
p 34

18-Jun-74

Uncl (CONF-700681--; pp 71-73) Distribution of ³H-mexamine in the tissues of mice and dogs after various pathways of administration. SHASHKOV, V.S.; MERKULOV, M.F.; SUVOROV, N.N.; ZIYA, A.V. 1970. Translated from Materials of the first all union conference, pharmacology of antiradiation preparations, 2--5 June 1970, Moscow. From 1. all-union conference on pharmacology of antiradiation preparations; Moscow, USSR (2 Jun 1970).

NSA

revision



Marshall, D.A. et al.

Use of Copper-Ceramic Sealers in the Horizontal
Continuous Casting Process.

Metall. Trans. B, 1972, Vol. 3, pp. 1061-1063.
NOTE 11841

Shatalin, S. S.

New Book on Economic Planning.

9 pp

Ekonomika i Matematicheskiye Metody, Moscow, No 3,
1978, pp 632-638.

JPRS 68708

Shatalov, A. S.

Aircraft as controlled objects

LETATSE'NYE APPARATY KAK OB'EKTY UPRAVLENIYA, 1972,

ISS. 17

WASH. ST. P. 200

Shtalov, A. T.

Man and Scientific and Technological Progress.

5 pp

VERNIY AKADEMII NAUK SSSR. Moscow, No 8, Aug

1973, pp 82-86.

JPRS 60575

SHAPALOV, M. YA.
//JOURNAL FIZICHESKOY KHIMII//
—/01/1974, V0048, N0003,
Equilibrium of Oxidation-reduction conversion of
granulated redoxites.,
pp 630-643, NASA TT P 150594#

SHAPALOV, A. A.
//JOURNAL FIZICHESKOY KHIMII//
--/10/1974, V0048, N0003,
Oxidation-reduction potential of redoxites,
pp 618-620, NASA TT P 159802#

Shatalova, E.M.

Map of the Isostatic Geoid in the Region of
the Carpathians

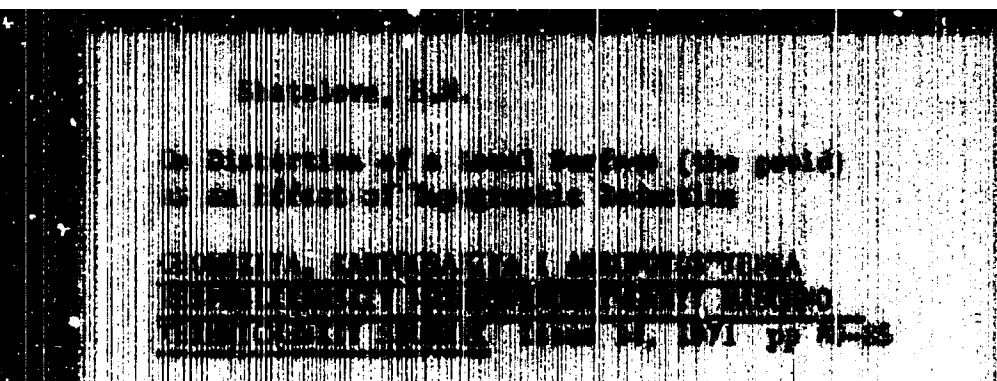
ГЕОДЕЗИЯ, КАРТОГРАФИЯ И АЭРОФОТОСЪЕМКА
РЕСПУБЛИКАНСКИЙ НЕЗНАКОСТВЕННЫЙ НАУЧНО-
ТЕХНИЧЕСКИЙ СБОРНИК, Issue 17, 1973, pp 82-85

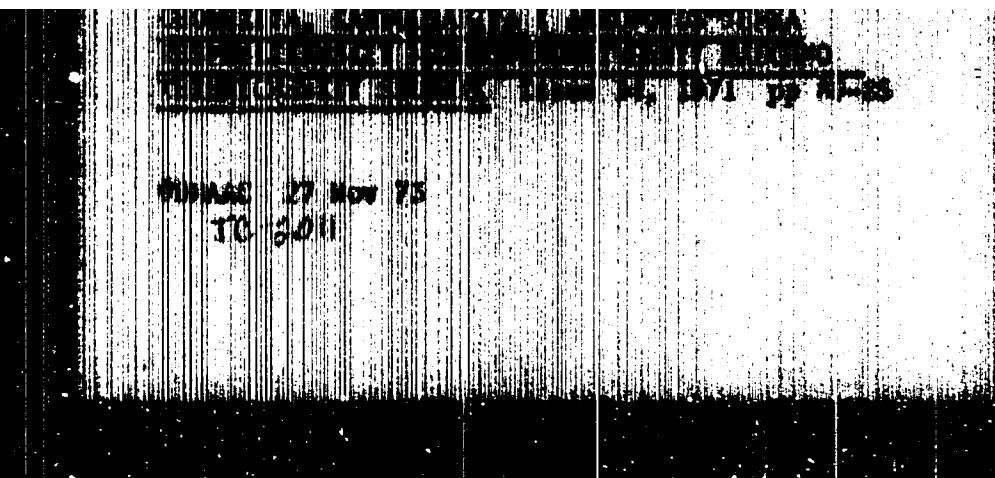
DMAAC - 10 May 74

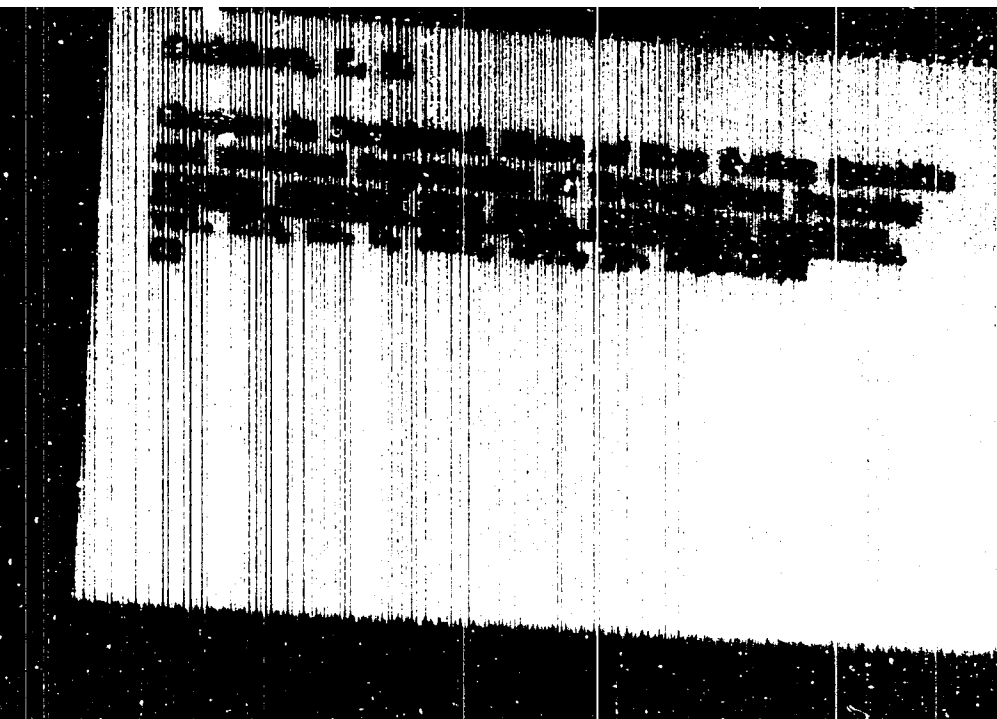
DMAAC-TC-2037

Shirshov, B. L.
in the Question of Information of the USSR
GENERAL, KAREV, P. I. A. AND OTHERS. 1954.
IN THE USSR. 1954. 1954. 1954. 1954.
1954. 1954. 1954. 1954. 1954. 1954.

NOV 29 1975
7C-200







Shabat, Yu. Yu.

International Law and Protection From Radio-
active Pollution, 7 pp.

SOVIETSKOYE GOSUDARSTVO I PRAVO, Moscow, No 10,
1975, pp 120-123.

JPRS 61048

Feb 74

Bhatila, B. I.

Financial Bodies Must Increase Efficiency.

8 pp

FINANCIAL BODIES. Moscow, No 6, 1974, pp 15-20.

JPRS 62705

Shatilov, I.

Computerization in Harvesting Operations
Described.

8 pp

~~SECRET~~ ~~SECRET~~, Moscow, 27 July 1973, p 4.
JPRS 91881

Shatokha, I.Z. et al

Investigation of the Coke and Sinter Break-down Process.

IZV. VUZ. CHEM. MET., 1978, No.10, pp.33-35.

BIS: I. 81

Shatoldin, Ye.

Request for Improved Production of Refrigerator

6 pp.

IZVESTIYA, Moscow, 9 Jun 73, p 2.

JUN 59 1950

JUL 73

Shatov, A.K.

A numerical method of solving integral Fred-
holm equations of the first kind in problems
of high-frequency diffraction.

RUSSIAN, per Zhurnal Vysshelitelnoi Matemati-
ki i Matematicheskoi Fiziki, Vol. 12, No. 6,
pp. 1609-1606,
API T-2784

Shutrov, S.

Consumers Complain About Substandard Furniture
7 pp.

KIROVODIL, Moscow, No 14, 1973, pp 2-3.
JPRS 55542

AUG 73

Shatrov, V. P.

Utilization of Inventions in the National Economy
Discussed.

2 pp

ISSUED BY GOSSUDARSTVO I PRAVO. Moscow, No 7, 1974.

pp 48-52.

JPRS 62996

RESEARCH, L.A.
//SPECIAL AGENTS MARK BROWN, SERIA KEMIC/REKTA//
1/1/1981, 1/1/1981, 1/1/1981
New data on the formation of $C_2(O_2)_2$ from $U_2O_5-2H_2O_2$
PP 1013-1013, 1013 IT P 15, 1981

SHAU, G. C.

//DEUTSCHE FORSCHUNGS- UND VERSUCHSANSTALT FÜR
LUFT- UND RAUMFAHRT INSTITUT FÜR DYNAMIK DER
FLUGSYSTEME//

---/06/1974, V-----, N-----,

The influence of flight mechanical parameters on
the in-orbit trajectory of a horizontally starting
space shuttle with trajectory and staging

optimization, 151 pp,

Report Number DLH-FB 75-88,

ESRO TT-50, ORDER FROM NTIS##

Shtul'man, N. S.

Planning for Social Development in Berdyansk.

10 pp

~~NOVEMBER~~ UKRAINY, Kiev, No 9, Sep 74, pp 65-76.

JPRS 63389

Shangyan, I.

Experts Cite Ways to Improve Vegetable Growing,
Supplies.

\$ pp

SOVIETSKAYA RUSSIYA. Moscow, 14 May 1974, p 2.
JPRS 62164

Correlation of Natural and Artificial Languages,
by S. A. Shannyan, P. A. Soboleva. 7 pp.
RUSSIAN, per, Vestnik Akademi Nauk SSSR, Moscow,
No 3, Mar 1973. pp 117-121.
JPRS 59000

May 73

Economic Reform in Belorussian Planning Considered,
by V. D. Khavlyuk, 9 pp.
RUSSIAN, per, Finansy SSSR, Moscow, No 4, 1973,
pp 60-68.
JPRS 59078

May 73

SHAFIN, L. A. HA

RU

THERMOMECHANICAL TREATMENT OF STEELS 40KHMA
AND ZORHGA AT DIFFERENT SMELTING

METALLOVEDENIYE I TERNICH, OBRABOTKA METALLOV
#2774, 42-44.

ESTC-H7-25-0936-74

Smith, P. L.

Smith, P. L. et al. "The earth's atmosphere" 1975

1975, 1975, 1975, 1975

Smith, P. L. et al. "The earth's atmosphere" v. 1, n. 1, 1975, pp. 104-

120 70-15135-180

Shavrin, S.V.

Reduction of Iron Oxides from Molten Slags.
122. KHIM. RASPLAV SHLAKOV, 1970, pp.55-61.
BISI 10*22

SHAYROV, V. B.

RU

SOVIET AIRCRAFT (HISTORICAL)

ISTORIYA KONSTRUKTSIY SAMOLETOV V SSSR DO 193
8-60 GODA

MASHINOSTROYENIYE, 159, 61-67, 82-89, 119-20,
159-61, 191-215, 239, 244-4

ESTC-HT-23-0757-74

Stability of the Convective Boundary Layer in a
Liquid Filling a Horizontal Cylinder, by

G. F. Shaydurov, 8 pp.

INZHINERNO-FIZICHESKIY ZHURNAL, No 12, 1959, pp 68-71

NAVY/NISC-3437

June 73

Shaydakov, S.

Human Development Problem: in Northeast Viewed.

5 pp

SOVETSKAYA ROSSIYA. Moscow, 11 May 74, p 2.

JPRS 68421

al-Shaykhli, Salah

Production and Consumption of Arab Crude Oil
Reviewed.

10 pp

AL-KHAYAT, Baghdad, 5 Nov 1973, p 2.
JPRS 6855

SHAYKHUTDUNOV,

RU

BURN-UP OF THE HIGH TEMPERATURE PRODUCTS OF I
NCOMPLETE COMBUSTION IN A SUPERSON

INZHENERNO-FIZICHESKIY ZHURNAL, V. XXV, #2, 1
973 197-203.

◆
FSTC-HT-23-0032-75

CONFIDENTIAL
//INTERNAL SECURITY//
-TOP SECRET//
A study of high-temperature products of incomplete
combustion in a supersonic flow over a secondary
injection of oxidizer. 11 pp.
PP 107-218, AIR/PRO-22-510-1600

Sheykhudinov, Z. G.

Burning of high-temperature products of incomplete combustion in a supersonic flow with secondary injection of oxidizer.

INZHENERNO-FIZIKESKIY ZHURNAL, Vol. 25, No. 2, pp. 187-193, 1979.

APL/JHU T-2626



Shaymardanov, R. B.

Planning: Automated Data Banks.

16 pp

ALGORITMY I ORGANIZATSIYA RESHENIYA EKONOMICHESSKIH
ZADACH, Moscow, 1973, pp 64-75.

JPRS 63037

Shchitnikov, E.S.

One-dimensional models of supersonic burning
and pseudo-shock in a tube.

FIZIKA GORENIYA I VZRYVA, Vol.9, No.4, pp.473-
483, 1973.

APL/JHD ~~SECRET~~

T-2823

Shehavellev, D. S.

Mathematical Model of Multipurpose Optimization
of the Utilization of Water Resources, 5 pp.
VOENNYE RESURSY, Moscow, No 4, 1973, pp 185-187
JPRS 63 914

Mar 74

Shcheglov, A. I.

International Cooperation in Farm Machinery
Building.

5 pp

~~MEKHANIZATSIYA I ELEKTRIFIKATSIYA SOTSIALISTI-~~

~~CHESKOGO SEL'SKOGO KHOZAYSTVA. Moscow, No 1,~~

Jan 1974, pp 1-2.

JPRS 61370

Shcheglov, N. I.

Use of embryo culture in stonefruit breeding.

DOKLADY AKADEMII NAUK SSSR, BOTANICAL SCIENCES, Vol 208,

No 4, Feb 1978, pp 888-890

CH

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the situation.

Shchegolev, M. Ya.

Electrooptical Methods of Ultrahigh-Speed
Investigations, 8 pp.

VESTNIK AKADEMII NAUK SSSR, Moscow, No 5,
May 73, pp 94-99.

JPRS 59593

Aug 73

Shchelkanova, G. Ya.

Balancing of Rural Income, Trade Described.

3 pp

~~SECRET~~ KREIT. Moscow, No 3, Jan 1974, pp 57-60.

AFRS 61912

Shaw, R. L.

The Role of Information and Information

in the U.S. Navy, vol. 2, 1976, pp. 34-42

1. The first of the two main parts of the report is a description of the results of the experiments. The second part is a discussion of the results and a comparison with the results of other experiments. The third part is a conclusion.

Shchelutov, N.

MVD Minister lauds Soviet Militia on the 50th
Anniversary.

5 PP

RUSSIA, Moscow, 10 Nov 1973. P 5.
(PIS 6454)

SHCHERBACHOV, N. A.

//VETERINARIYA//

-- /--/1972, V---, NO001, PP 0041-0042

Examine effectiveness of measures

against foot-and-mouth disease

HTB 74-12654-002

SHCHETANOVSKIY, V. A.
//IZVESTIYA SIBIRSKOGO OTDELNIYA AKADEMII
NAUK SSSR, SERIYA TEKHNIICHESKIH NAUK, //
---/1972, V---, NO000.
The structure of a three-dimensional flow
from plane flows, 7 pp
EP 71-74, AIR/PTD/NT-23-1808-7400

Shchepankov, N.

Scientific Planning for Combat Training

Required, 6 pp.

AVIATSIYA I KOSMONAVTIKA, Moscow, No 4,

Apr 73, pp 3-5.

JPRS 54537

Aug 73

Shchepankov, N.

Responsibility Developed in Military Personnel.

6 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 8, Aug

1973, pp 12-13.

JPRS 60360

Shchepankov, N.

Good Instructor Pilots, Training Promote Combat
Readiness.

5 pp

AVIATSIYA I KOSMONAVTIKA, Moscow, No 3, Mar 1974,

pp 1-4.

JPRS 61742

29-May-73

REC
Uncl (BNL-tr--538) Problem of solar neutrinos.
SHCHEPKIN, M.G. Translated by S.J. Amoretty from Zh.
Eksp. Teor. Fiz., Pis'ma Red.: 17: No. 4, 226-229(1973).
Sp. Dep. NTIS \$3.00.

208 physics (nuclear); translations
NN-34 P NSA

